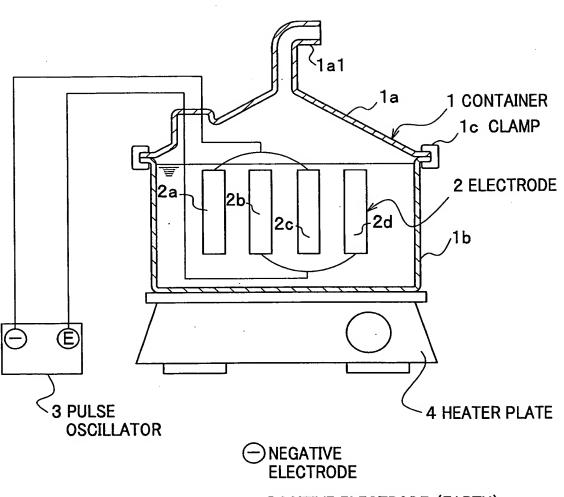
Inventor: KITADA et al.
Docket No.: 13425.0064USWO
Title: HYDROGEN ACTIVATING APPARATUS
Attorney Name: Curtis B. Hamre
Phone No.: 612.336.4722
Sheet I of 3

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FIG.1

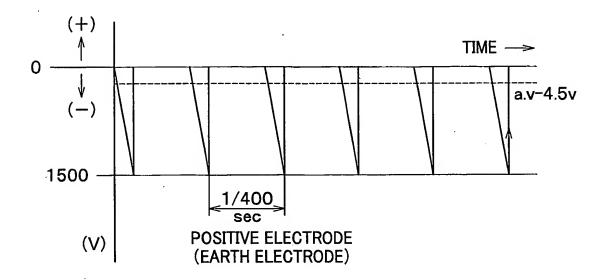


POSITIVE ELECTRODE (EARTH)

Inventor: KITADA et al.
Docket No.: 13425.0064USWO
Title: HYDROGEN ACTIVATING APPARATUS
Attorney Name: Curtis B. Hamre
Phone No.: 612.336.4722
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FIG.2



Inventor: KITADA et al.

Docket No.: 13425.0064USWO
Title: HYDROGEN ACTIVATING APPARATUS
Attorney Name: Curtis B. Hamre
Phone No.: 612.336.4722

Sheet 3 of 3

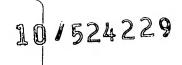


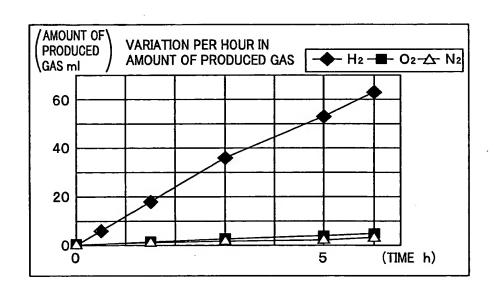
FIG.3

(a)

TIME(h)	0	0. 5	1. 5	3. 0	5. 0	6. 0
H 2(ml)	0	6. 38	18. 70	36. 60	53. 04	63. 51
0 2 (ml)	0	0. 54	1. 45	2. 79	4. 10	4. 98
N 2 (ml)	0	0. 58	1. 36	2. 12	· 2. 70	3. 34
TOTAL(ml)	0	7. 50	21. 51	41. 51	59. 84	71. 83

MEASURED WITH DIGITAL MULTIMATE (WITH 4.5 V,1.1mA)

(b)



(c)

TIME(h)	0	0. 5	1. 5	3. 0	5. 0	6. 0
H <sub>2</sub> (VOL%)	0	85. 07	86. 94	88. 17	88. 64	88. 42
O2(VOL%)	0	7. 20	6. 74	6. 72	6. 85	6. 93
N2(VOL%)	0	7. 73	6. 32	5. 11	4. 51	4. 65
TOTAL (VOL%)	-	100. 00	100. 00	100.00	100. 00	100. 00

(WITH 4.5 V, 1.1 mA)

